



PDS

College Student Investigators:

*Preparing the Next Generation of
PDS Science Investigators*

For PDS Management Council
Nov 2006



PDS

College Student Investigators

- Goals
 - Feed the pipeline: reach into the pool of potential NASA scientists at the undergraduate level
 - Train potential future PDS user community
 - Encourage successful student investigators to continue with NASA student programs
- Sensitivity to Administrator's emphasis
 - Higher education focus
 - Research focus
 - Establishing a connection with the next generation of NASA scientists (includes the greater "NASA family")



Timeline

- Advertising now
- Select students in December
- Students hired January 2007
 - Will be UMBC employees (“contingent”)
 - 10 hrs/wk during semester, full-time in summer
- Each student writes proposal spring 2007
 - Iterative process with mentor (could be Node scientists, grad student, postdoc)
 - Presents proposal at Summer PDS MC (perhaps via telecon)
- Students to present progress at Oct 2007 DPS
- Project to be completed in June 2008 timeframe



Status

- FY07 cost per student: \$12.2k
- Can fund 4 students (+1, maybe)
- Atmospheres – **2 (!)** good candidates
- PPI – 1 candidate who looks good
- Small Bodies – some students have expressed interest
- NAIF – 1 candidate
- SETI – still looking



PDS CSI Web Site

- Link off of PDS Management page
- *Mentor Fact Sheet* and *PDS CSI Student Handbook* submitted to CMR, to be posted as soon as they are approved